

gnutls\_x509\_cert\_get\_signature\_algorithm(3)      gnutls      gnutls\_x509\_cert\_get\_signature\_algorithm(3)

## NAME

gnutls\_x509\_cert\_get\_signature\_algorithm - API function

## SYNOPSIS

```
#include <gnutls/x509.h>
```

```
int gnutls_x509_cert_get_signature_algorithm(gnutls_x509_cert_t cert);
```

## ARGUMENTS

gnutls\_x509\_cert\_t cert  
    should contain a **gnutls\_x509\_cert\_t** type

## DESCRIPTION

This function will return a value of the **gnutls\_sign\_algorithm\_t** enumeration that is the signature algorithm that has been used to sign this certificate.

Since 3.6.0 this function never returns a negative error code. Error cases and unknown/unsupported signature algorithms are mapped to **GNUTLS\_SIGN\_UNKNOWN**.

## RETURNS

a **gnutls\_sign\_algorithm\_t** value

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.  
Home page: <https://www.gnutls.org>

## COPYRIGHT

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## SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>